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Attorney Docket No.: A-65680-2/RFT/RMS/DAV

PATENT?



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#101C

PLun Kett  
2/12/00  
(NG)

re application of:

Examiner: J. Brusca, Ph.D.

Haaf *et al.*

Group Art Unit: 1636

RECEIVED

Serial No. 09/182,102

DEC 09 1999

Filed: October 27, 1998

TECH CENTER 1600/2900

For: *Methods and Compositions*  
Utilizing Rad51

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on 30 November 1999:

Signed:

Judy Wilson

**AMENDMENT AFTER FINAL OFFICE ACTION**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

This is responsive to the Final Office Action mailed August 31, 1999. The Commissioner is authorized to charge any additional fees, including extension fees or other relief which may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our Order No. A-65680-2/RFT/RMS/DAV).

Please amend the claims as follows and consider the following remarks.

In the claims:

18. (Twice Amended) A method of determining whether a mammalian cell contains a mutant Rad51 gene comprising determining the sequence of all or part of an endogenous Rad51 gene of a mammalian cell and comparing said sequence to a known mammalian Rad51 gene.